

In the Abstract:

A configurable bus interface circuit includes an internal bus bridge and an internal circuit. The configurable bus interface circuit also includes an internal I/O circuit [operably] couplable to an external circuit, [an] via [operably coupled to] the internal bus bridge. The configurable bus interface circuit [also includes] electrically isolates the [an] internal circuit [coupled] to avoid the propagation of signals [from] between the internal I/O circuit and the external circuit [operably coupled to the internal bus bridge].